

Peer Review

Review of: "Stability and Synchronization of Kuramoto Oscillators"

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The paper studies the stability and synchronization of Kuramoto oscillators. The topic is interesting, timely, and potentially applicable. However, the paper needs some corrections.

Comment 1. The introduction section needs to be updated with more relevant research. In this sense, a more detailed review of the literature is expected. Also, it is required that the previous solutions to this problem be addressed. Then, the proposed method's advantages (and disadvantages?) should be discussed.

Comment 2. The motivation and contribution of the proposed method must be discussed in the section Introduction. Please provide more details to help readers understand them better.

Comment 3. The authors should do a better job of commenting on the results. More comparison of results and explanation of the advantages over other proposed techniques is needed.

Comment 4. In the Conclusions, there is insufficient discussion of exactly what this finding means and its implications. In addition, they should be enriched with future work.

Declarations

Potential competing interests: No potential competing interests to declare.